

WHAT IS CLAIMED IS:

1. A system for reproducing a moving image from an encoded data stream encoded in accordance with a coding method, the encoded data stream being reconfigurable without decoding, comprising:

a reproduction apparatus to reproduce the moving image; and

a transmission apparatus to transmit the encoded data stream to the reproduction apparatus, the transmission apparatus being connected to the reproduction apparatus via a communication channel, wherein the reproduction apparatus further comprises:

a setting unit to set a reproduction condition in response to a user's operation, the reproduction condition being transmitted to the transmission apparatus, the transmission apparatus further comprises:

a determination unit to determine a reconfiguration method of the encoded data stream based on the reproduction condition received from the reproduction apparatus, and

a reconfiguration unit to reconfigure the encoded data stream to be transmitted to the reproduction apparatus based on the reconfiguration method determined by the determination unit.

2. The system as claimed in claim 1, wherein the reproduction condition set by the setting unit includes at least one of a display size, a display range, image quality, a color component, and a frame rate.

3. The system as claimed in claim 2, wherein the setting unit adjusts the display size included in the reproduction condition in response to the user's operation for changing a window size in which the moving image is displayed.

4. The system as claimed in claim 2, wherein the setting unit changes the display size included in the reproduction condition in response to the user's operation for selecting a window in which the moving image is displayed.

5. The system as claimed in claim 2, wherein the setting unit adjusts the display range included in the reproduction condition in response to the user's operation for panning and tilting.

6. The system as claimed in claim 2, wherein the setting unit adjusts the display range included in the reproduction condition in response to the user's operation for zooming.

7. The system as claimed in claim 2, wherein the setting unit adjusts the image quality and the frame rate in the reproduction condition in response to the user's operation for adjusting a balance between the image quality and the frame rate.

8. A system for reproducing a moving image from an encoded data stream encoded in accordance with a coding method, the encoded data stream being reconfigurable without decoding, comprising:

a reproduction apparatus to reproduce the moving image; and

a transmission apparatus to transmit the encoded data stream to the reproduction apparatus, the transmission apparatus being connected to the reproduction apparatus via a communication channel, wherein the reproduction apparatus further comprises:

a setting unit to set a reproduction condition in response to a user's operation, the reproduction condition being transmitted to the transmission apparatus; and

a determination unit to determine a reconfiguration method of the

encoded data stream based on the reproduction condition received from the reproduction apparatus, the transmission apparatus further comprises:

a reconfiguration unit to reconfigure the encoded data stream to be transmitted to the reproduction apparatus based on the reconfiguration method determined by the determination unit.

9. The system as claimed in claim 8, wherein the reproduction condition set by the setting unit includes at least one of a display size, a display range, image quality, a color component, and a frame rate.

10. The system as claimed in claim 9, wherein the setting unit adjusts the display size included in the reproduction condition in response to the user's operation for changing a window size in which the moving image is displayed.

11. The system as claimed in claim 9, wherein the setting unit changes the display size included in the reproduction condition in response to the user's operation for selecting a window in which the moving image is displayed.

12. The system as claimed in claim 9, wherein the setting unit adjusts the display range included in the reproduction condition in response to the user's operation for panning and tilting.

13. The system as claimed in claim 9, wherein the setting unit adjusts the display range included in the reproduction condition in response to the user's operation for zooming.

14. The system as claimed in claim 9, wherein the setting unit adjusts

the image quality and the frame rate in the reproduction condition in response to the user's operation for adjusting a balance between the image quality and the frame rate.

15. A system for reproducing a moving image from an encoded data stream encoded in accordance with a coding method, the encoded data stream being reconfigurable without decoding, comprising:

a moving image source; and

a reproduction apparatus to reproduce the moving image obtained from the moving image source, wherein the reproduction apparatus further comprises:

a setting unit to set a reproduction condition in response to a user's operation, the reproduction condition being transmitted to the transmission apparatus;

a determination unit to determine a reconfiguration method of the encoded data stream based on the reproduction condition received from the reproduction apparatus, and

a reconfiguration unit to reconfigure the encoded data stream to be transmitted to the reproduction apparatus based on the reconfiguration method determined by the determination unit.

16. The system as claimed in claim 15, wherein the reproduction condition set by the setting unit includes at least one of a display size, a display range, image quality, a color component, and a frame rate.

17. The system as claimed in claim 16, wherein the setting unit adjusts the display size included in the reproduction condition in response to the user's operation for changing a window size in which the moving image is displayed.

18. The system as claimed in claim 16, wherein the setting unit

changes the display size included in the reproduction condition in response to the user's operation for selecting a window in which the moving image is displayed.

19. The system as claimed in claim 16, wherein the setting unit adjusts the display range included in the reproduction condition in response to the user's operation for panning and tilting.

20. The system as claimed in claim 16, wherein the setting unit adjusts the display range included in the reproduction condition in response to the user's operation for zooming.

21. The system as claimed in claim 16, wherein the setting unit adjusts the image quality and the frame rate in the reproduction condition in response to the user's operation for adjusting a balance between the image quality and the frame rate.

22. A reproduction apparatus for reproducing a moving image by decoding an encoded data stream from a transmission apparatus, comprising:
a setting unit to set a reproduction condition in response to a user's operation, wherein the reproduction apparatus transmits the reproduction condition set by the setting unit to the transmission apparatus, and receives an encoded data stream reconfigured by a reconfiguration method determined in response to the transmitted reproduction condition from the transmission apparatus.

23. A reproduction apparatus for reproducing a moving image by decoding an encoded data stream from a transmission apparatus, comprising:
a setting unit to set a reproduction condition in response to a user's operation;
and

a determination unit to determine a reconfiguration method for reconfiguring the encoded data stream based on the reproduction condition set by the setting unit, wherein the reproduction apparatus transmits the reconfiguration method determined by the determination unit to the transmission apparatus, and receives an encoded data stream reconfigured by the transmitted reconfiguration method from the transmission apparatus.

24. A transmission apparatus for transmitting an encoded data stream compressed in accordance with JPEG 2000 to a reproduction apparatus connected thereto via a communication channel, comprising:

a determination unit to determine a reconfiguration method for reconfiguring the encoded data stream based on a reproduction condition transmitted from the reproduction apparatus; and

a reconfiguration unit to reconfigure the encoded data stream to be transmitted to the reproduction apparatus based on the reconfiguration method determined by the determination unit.

25. A method of reproducing a moving image encoded into an encoded data stream in accordance with JPEG 2000, comprising:

setting a reproduction condition in response to a user's operation;

determining a reconfiguration method of the encoded data stream based on the set reproduction condition;

reconfiguring the encoded data stream based on the determined reconfiguration method; and

reproducing the moving image from the reconfigured encoded data stream.

26. The method as claimed in claim 25, wherein the reproduction condition set when setting the reproduction condition includes at least one of a display

size, a display range, image quality, a color component, and a frame rate.

27. The method as claimed in claim 26, wherein the display size included in the reproduction condition is adjusted in response to the user's operation for changing a window size in which the moving image is displayed in the step of setting the reproduction condition.

28. The method as claimed in claim 26, wherein the display size included in the reproduction condition is changed in response to the user's operation for selecting a window in which the moving image is displayed in the step of setting the reproduction condition.

29. The method as claimed in claim 26, wherein the display range included in the reproduction condition is changed in response to the user's operation for panning and tilting in the step of setting the reproduction condition.

30. The method as claimed in claim 26, wherein the display range included in the reproduction condition is adjusted in response to the user's operation for zooming in the step of setting the reproduction condition.

31. The method as claimed in claim 26, wherein the image quality and the frame rate in the reproduction condition is adjusted in response to the user's operation for adjusting a balance between the image quality and the frame rate in the step of setting the reproduction condition.

32. An article of manufacture having one or more recordable medium storing instructions which, when executed by a computer, cause the computer to perform

a method of reproducing a moving image encoded into an encoded data stream in accordance with JPEG 2000 by:

setting a reproduction condition in response to a user's operation;

determining a reconfiguration method of the encoded data stream based on the set reproduction condition; and

reconfiguring the encoded data stream based on the determined reconfiguration method.